

Assignment 5

Textbook Assignment: "Aircrew Survival Equipment Training." Pages 5-1 through 5-42.

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| <p>Learning Objective: Relative to sea survival, recognize the proper survival equipment, use of life preservers and life rafts, and bailout procedures over water using four-line release.</p> <hr/> | <p>5-6. As a PR, one of your jobs is to teach swimming to aircrewmembers.</p> <ol style="list-style-type: none">1. True2. False |
| <p>5-1. During the Southeast Asian conflict, what was the average rescue time for a downed aircrewman?</p> <ol style="list-style-type: none">1. 6 hours2. 8 hours3. 24 hours4. 48 hours | <p>5-7. During a survival situation, panic will be your worst enemy.</p> <ol style="list-style-type: none">1. True2. False |
| <p>5-2. What is the most important factor in bringing downed aircrewmembers home alive?</p> <ol style="list-style-type: none">1. New survival equipment2. The will of the aircrewman to live3. Air support for search and rescue (SAR) | <p>5-8. The anti-g suit is an excellent flotation device.</p> <ol style="list-style-type: none">1. True2. False |
| <p>5-3. Which of the following manuals covers search and rescue (SAR)?</p> <ol style="list-style-type: none">1. NAVAIR 13-5-5012. NAVAIR 13-1-6.23. NWP 19-14. NWP 13-1 | <p>5-9. The primary flotation device for an aircrewman flying in a VA type aircraft is which of the following?</p> <ol style="list-style-type: none">1. LPU2. LPP3. Mk-24. Mk-3C |
| <p>5-4. Which of the following manuals covers survival techniques?</p> <ol style="list-style-type: none">1. NAVAIR 00-80T-1012. NAVAIR 00-80T-2013. NAVAIR 00-80T-5014. NAVAIR 00-80T-601 | <p>5-10. Which of the following life preservers is used by maintenance personnel?</p> <ol style="list-style-type: none">1. LPU2. LPP3. Mk-14. Mk-3 |
| <p>5-5. General information about aircrew personnel protection equipment and training can be found in which of the following manuals?</p> <ol style="list-style-type: none">1. OPNAV 4790.2B2. OPNAV 4790.2C3. OPNAV 3710.74. OPNAV 5100 | <p>5-11. Which of the following preserver may be used as a substitute for the LPP life preserver?</p> <ol style="list-style-type: none">1. LPU-30/P2. Mk-33. LPU |
| | <p>5-12. Which of the following life preserver is worn by personnel flying ejection-seat-equipped aircraft?</p> <ol style="list-style-type: none">1. LPA-2A2. LPU-21B/P3. LPU-24A/P4. LPP |

- 5-13. The FLU-8A/P is installed on which of the following life preservers?
1. LPU-21B/D
 2. LPU-23A/P
 3. LPU-24A/P
 4. Both 2 and 3 above
- 5-14. After life preservers are activated they inflate to their designed shape within what total number of seconds?
1. 10
 2. 20
 3. 30
 4. 60
- 5-15. The LPP life preserver provides the user with a buoyance of how many pounds?
1. 22
 2. 29
 3. 35
 4. 65
- 5-16. The FLU-8A/P will work only in sea water.
1. True
 2. False
- 5-17. The FLU-8A/P system is used as a backup system for the manual release.
1. True
 2. False
- 5-18. Partial inflation of the collar lobe on the LPA and LPU has been a reported problem.
1. True
 2. False
- 5-19. The NB-8 parachute harness is worn over the LPA life preserver.
1. True
 2. False
- 5-20. The four-line release system is designed to reduce oscillation.
1. True
 2. False
- 5-21. The four-line release should NOT be used if your canopy has any evident damage after opening.
1. True
 2. False
- 5-22. It takes approximately how much force to activate the four-line release?
1. 10 pounds
 2. 20 pounds
 3. 30 pounds
 4. 60 pounds
- 5-23. To select the proper life raft for an aircraft, which of the following allowance lists should you use?
1. NAVSUP 101
 2. NAVSUP 2002
 3. NAVAIR 00-35-QA-1
 4. NAVAIR 00-35-QH2
- 5-24. What is the length of an LPI life raft when it is fully deployed?
1. 4 feet
 2. 5 feet
 3. 6 feet
 4. 7 feet
- 5-25. What should you use to right an overturned LR1 life raft?
1. The righting handles on the sides of the raft
 2. The righting lanyard attached to the CO₂ bottle
 3. The boarding handles on the flotation tube
- 5-26. If the life raft is on the crest of a wave, a properly adjusted sea anchor will be in what position?
1. In the trough of the wave
 2. Resting in the wave
 3. 10 feet from the life raft
 4. 12 feet from the life raft
- 5-27. Which of the following life rafts is designed to carry four survivors?
1. LRU-12/A
 2. LRU-13/A
 3. LRU-14/A
 4. LRU-15/A
- 5-28. An LR-12/A life raft has how many separate inflatable compartments?
1. One
 2. Two
 3. Three
 4. Four

- 5-29. Which of the following flotation compartments is/are inflated by CO₂?
1. Bow
 2. Stern
 3. Both 1 and 2 above
 4. Seat
- 5-30. When using the hand pump to top off the pressure on an LRU-12/A life raft, how far should you open the topping-off valve?
1. 1 turn
 2. 1 1/2 turns
 3. 2 turns
 4. Fully open
- 5-31. If there is a tear in the bow section of an LRU-12/A life raft, what, if anything, would prevent it from sinking?
1. Quick patch kit supplied with the raft
 2. Double lined flotation walls
 3. The internal bulkheads
 4. Nothing
- 5-32. To board the LRU-12/A, which of the following procedures is most correct?
1. Board it from the bow using the boarding line
 2. Board it from the sides using the boarding handles
 3. Board it from the stern using the stirrup
- 5-33. Which of the following life rafts has a circular flotation tube?
1. LRU-12/A
 2. LRU-13/A
 3. LRU-14/A
 4. LRU-15/A
- 5-34. Who has the responsibility for installing the equalizer clamp?
1. First person aboard
 2. Last person aboard
 3. Senior man aboard
- 5-35. What is the purpose of the equalizer clamp?
1. To prevent CO₂ from escaping
 2. To prevent the raft from deflating in the event a hole is present
 3. To prevent overpressurization of flotation tubes
- 5-36. When you are tying three or more LRU-15/A life rafts together, which of the following statements is true?
1. Tie the rafts 180° apart from the pivot raft
 2. Tie all the rafts' bows to the stern
 3. Tie the rafts 50 feet apart
- 5-37. What is the recommended distance between life rafts that are tied together?
1. 8 feet
 2. 25 feet
 3. 50 feet
 4. 100 feet
- 5-38. Never eat any food unless an adequate amount of water is available.
1. True
 2. False
- 5-39. Never tie fish to the side of your raft.
1. True
 2. False
- 5-40. Always secure yourself to your life raft.
1. True
 2. False
- 5-41. In rough seas it is permissible to make a sea anchor out of a signaling panel.
1. True
 2. False
- 5-42. A person can survive without water for what period of time?
1. 12 days
 2. 14 days
 3. 3 days
 4. 6 days
- 5-43. A person can go without food for what period of time?
1. 14 days
 2. 21 days
 3. 30 days
 4. 40 days
- 5-44. When you are rafting ashore in heavy surf, which of the following is a true statement?
1. Tie the sea anchor to the bow
 2. Trail the sea anchor from the stern
 3. Make your landing stern first

Learning Objective: Identify rescue devices used by aircrewmembers and helicopter rescue. Identify search and rescue (SAR) communication modes.

- 5-45. Which of the following is the primary rescue device?
1. Rescue hook
 2. Rescue sling
 3. Gated D-ring
- 5-46. At what maximum number of pounds is the smaller hook on the double rescue hook rated?
1. 500 pounds
 2. 1000 pounds
 3. 1500 pounds
 4. 2000 pounds
- 5-47. Which of the following statements concerning the double rescue hook is most correct?
1. Use only the large hook to hoist personnel
 2. Use only the smaller hook to hoist personnel
 3. You can hoist personnel with either hook
- 5-48. As a survivor, why must you never touch any rescue device being lowered from a helicopter until it has touched the water?
1. To prevent electrical shock from static electricity
 2. To prevent development of cramps
 3. To prevent your raft from capsizing
- 5-49. Horse collar is another name for the rescue strop.
1. True
 2. False
- 5-50. A crewman being rescued by a helicopter should assist the helo crew by swinging into the helo feet first.
1. True
 2. False
- 5-51. The forest penetrator top will float only 6 inches out of the water with a flotation collar attached.
1. True
 2. False
- 5-52. To safely use the forest penetrator, the survivor should lower his helmet visor.
1. True
 2. False
- 5-53. If not used properly, which of the following rescue devices is considered the most dangerous?
1. Horse collar
 2. Rescue strop
 3. Forest penetrator
 4. Rescue seat
- 5-54. At 77°F the AN/PRT-5 can operate continuously for how many hours?
1. 24
 2. 36
 3. 48
 4. 72
- 5-55. Which of the following radios is equipped with a flotation device?
1. AN/PRC-90
 2. AN/URT-33
 3. AN/PRT-5
 4. AN/PRC-49
- 5-56. Which of the following radios must you place the ON/OFF switch to read ON to operate the radio?
1. AN/URT-33
 2. AN/PRT-5
 3. AN/PRC-49
- 5-57. The AN/PRC-90 is capable of transmitting up to what total number of nautical miles?
1. 10
 2. 20
 3. 50
 4. 60

Learning Objective: Relative to land survival, recognize the proper techniques for arctic, desert, and tropical survival.

- 5-58. During the winter months, which of the following is NOT considered a good shelter in the arctic?
1. Crashed aircraft
 2. Snow cave
 3. Lean-to
- 5-59. What percent of the earth's land surface is desert?
1. One-fifth
 2. One-fourth
 3. One-third
 4. One-half
- 5-60. When your body starts to dehydrate, what is/are the symptom(s)?
1. Lose of appetite
 2. Sleepiness
 3. Nausea
 4. All of the above
- 5-61. At what point of dehydration will you become delirious?
1. 5%
 2. 8%
 3. 10%
 4. In excess of 10%
- 5-62. At what temperature will 15 percent dehydration cause death?
1. 60°F
 2. 70°F
 3. 80°F
 4. 90°F
- 5-63. When you are dehydrated, which of the following is NOT recommended?
1. Drinking plenty of water
 2. Drinking cool water
 3. Drinking warm water
 4. Drinking cold water
- 5-64. When selecting food in a jungle environment, which of the following foods should you avoid?
1. Food that monkeys eat
 2. Slimy skin fish
 3. Fish with scales
- 5-65. Which of the following is a good substitute for soap in a survival situation?
1. Ashes
 2. Sand
 3. Loamy soil
 4. Each of the above
- 5-66. When should you apply a tourniquet?
1. Only when the bleeding is located on an arm
 2. Only when the bleeding is located on a leg
 3. Either 1 or 2 above, depending upon the flow of blood
 4. When it is the only way to stop the bleeding of an extremity
- 5-67. To ease the pain from broken teeth in a survival situation, which of the following remedies should you use?
1. Pull the broken tooth
 2. Apply pine sap to broken teeth
 3. Apply cold compresses
- 5-68. A substitute for aspirin can be made from which of the following?
1. Boiling sassafras tea roots
 2. Boiling oak bark
 3. Boiling willow bark
- 5-69. Which of the following snakes are considered pit vipers?
1. Rattlesnake
 2. Copperheads
 3. Water moccasins
 4. All of the above
- 5-70. Coral snakes can be identified by the colored bands around their body. Which of the following color sequences identify a coral snake?
1. Red, yellow, and black
 2. Red, black, and yellow
 3. Black, yellow, and red
 4. Yellow, red, and black

Learning Objective: Identify substitute first-aid items and treatment of snake bites?

5-71. When applying a tourniquet to a snake bite, which of the following methods should you use?

1. Apply it half way between the bite and the heart
2. Apply it 6 inches above the bite
3. Apply it between the bite and the heart, about 2 inches above the bite

5-72. Applying a suction to a snake bite is of little benefit after what maximum period of time?

1. 10 minutes
2. 20 minutes
3. 30 minutes
4. 15 minutes

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1. The following comments are hereby submitted:

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